FIG. 1

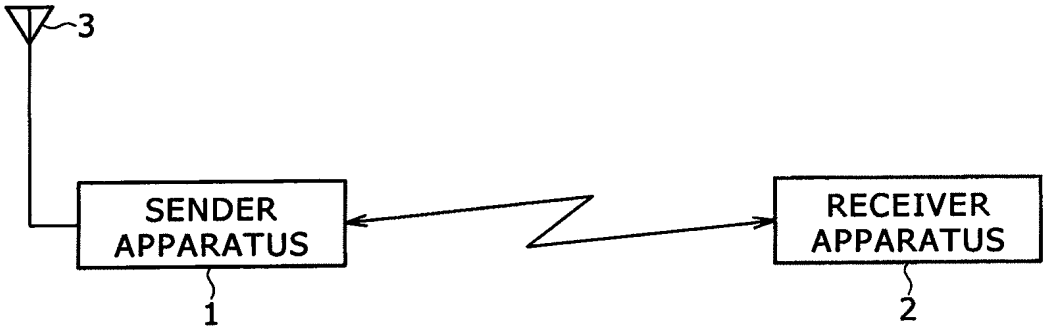

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FIG. 2

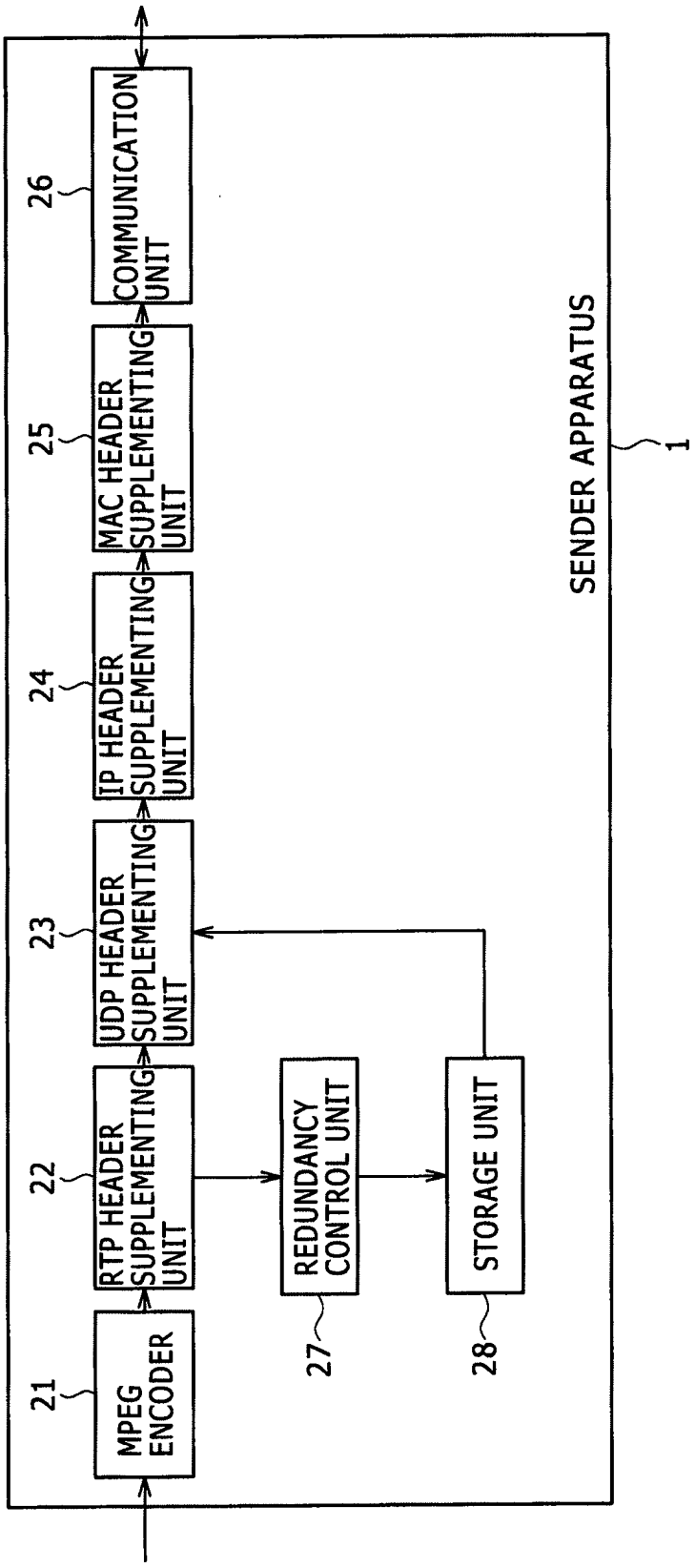

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FIG. 3

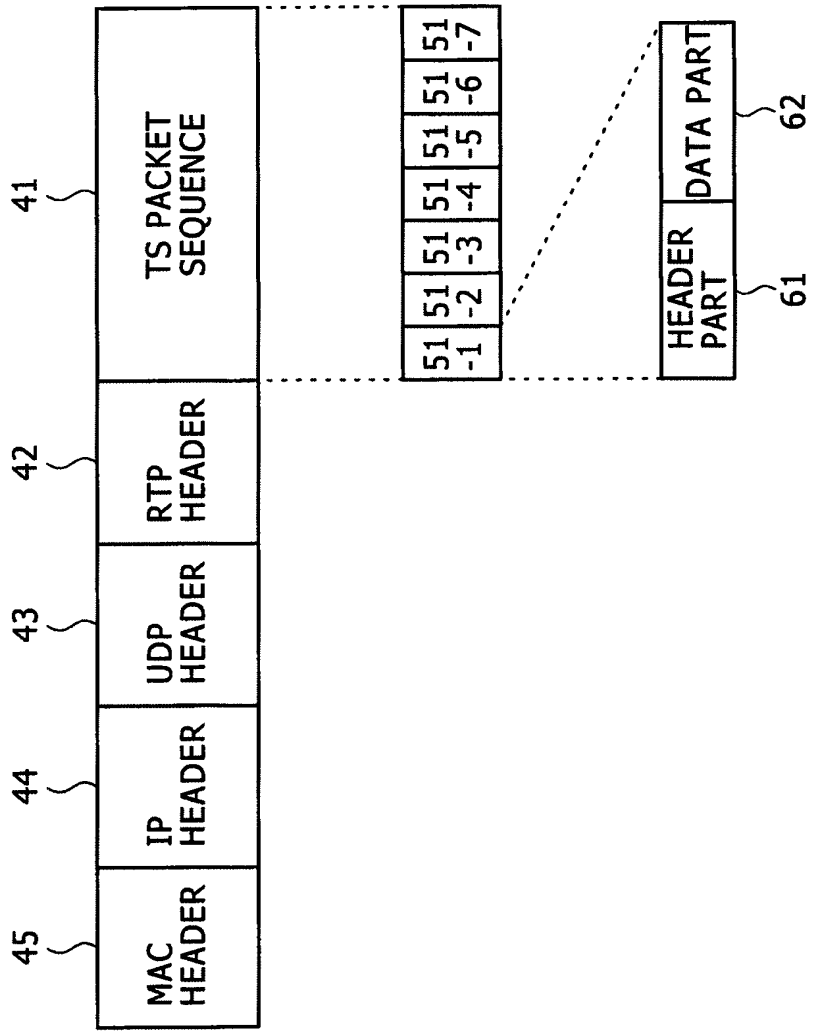

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FIG. 4

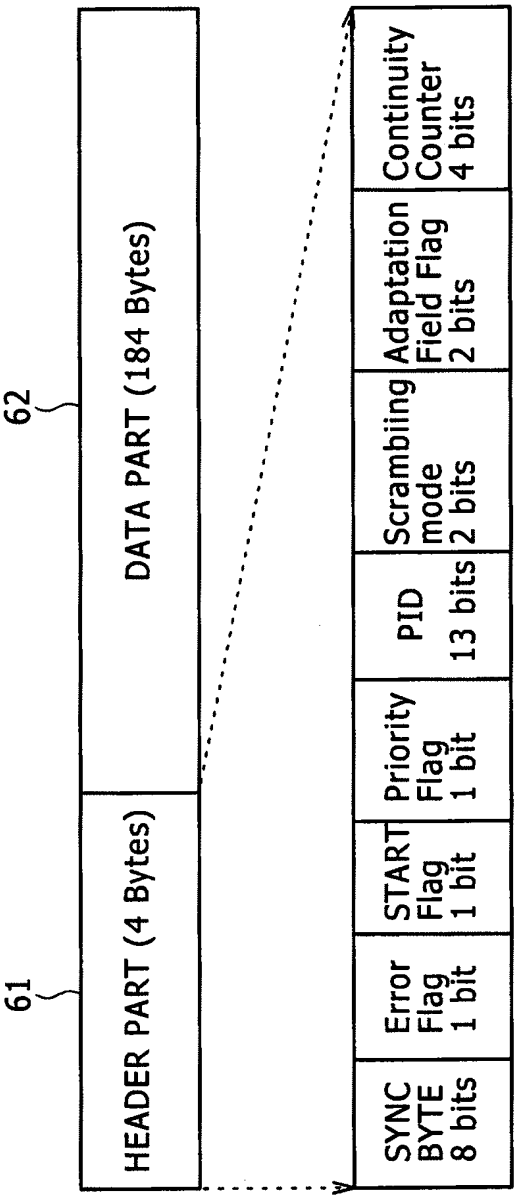

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FIG. 5

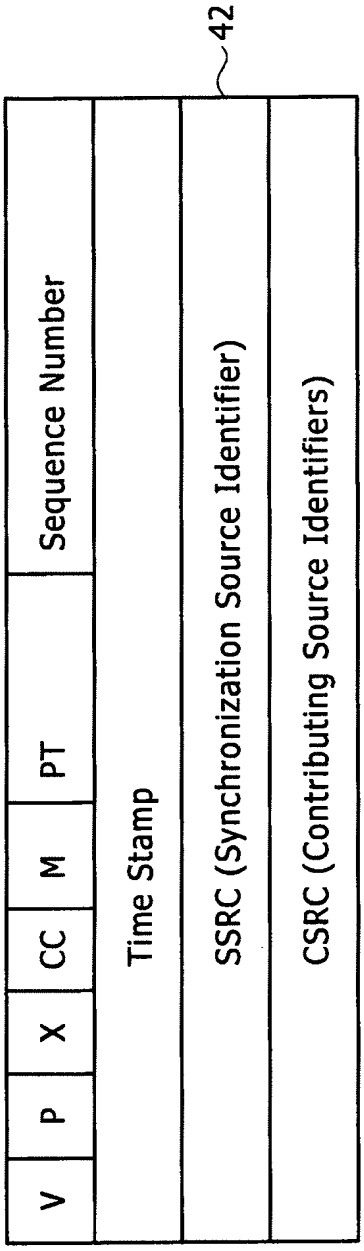

FIG. 6

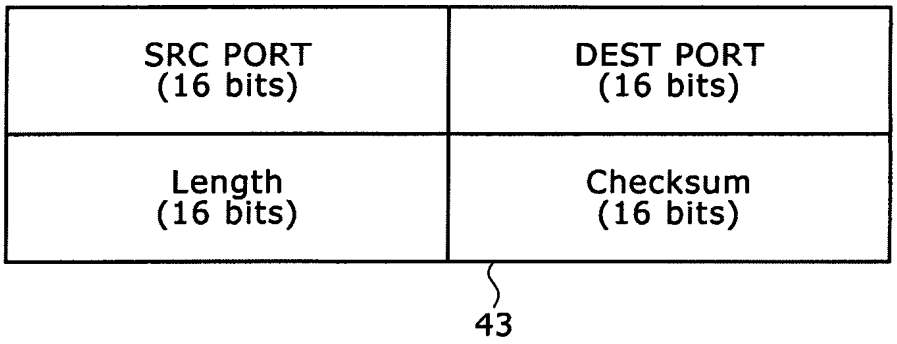
SRC PORT
(16 bits)
DEST PORT
(16 bits)
Length
(16 bits)
Checksum
(16 bits)
43

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FIG. 7

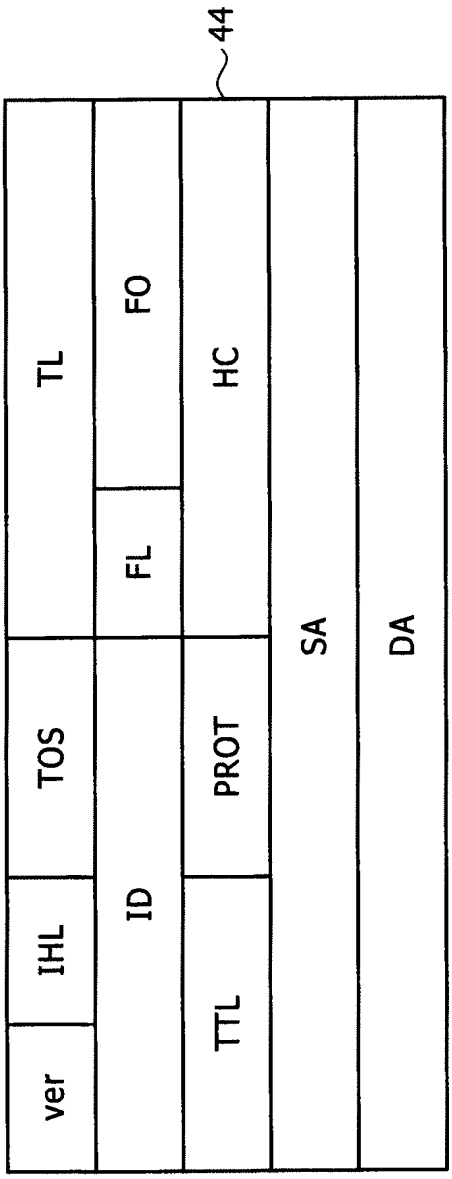

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FIG. 8

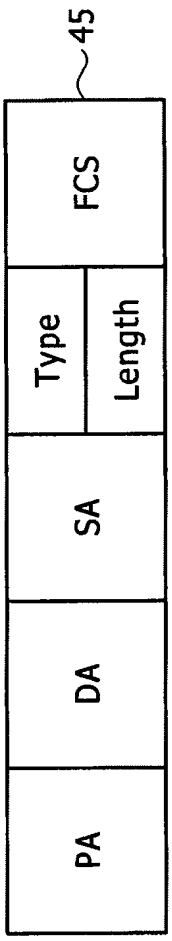

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FIG. 9

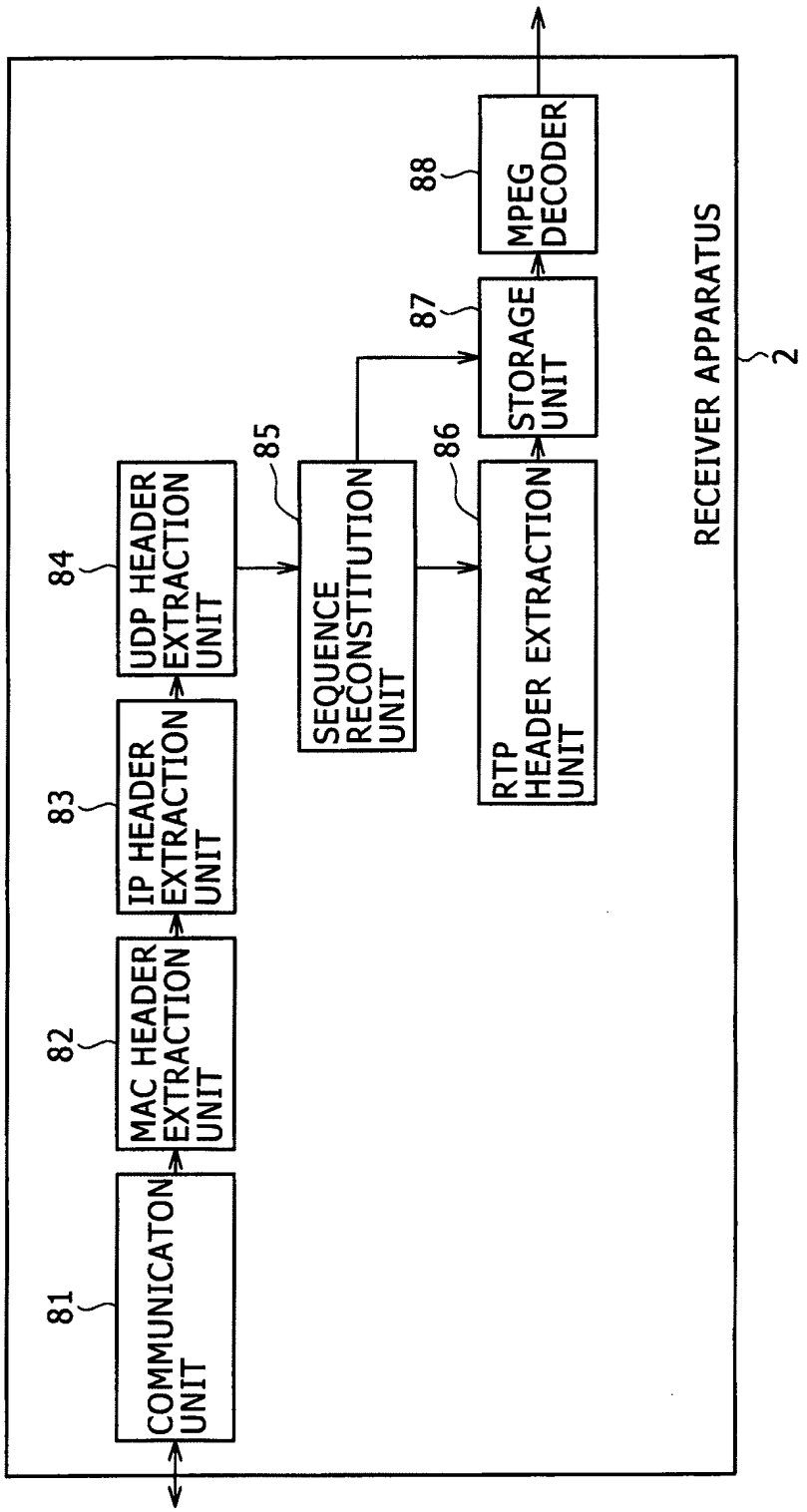

FIG. 10

SEQUESNCE NO.	
1	TS PACKET 51-1-1
	TS PACKET 51-2-1
	TS PACKET 51-7-1
2	TS PACKET 51-1-2
	TS PACKET 51-2-2
	TS PACKET 51-7-2
3	
4	TS PACKET 51-1-4
	TS PACKET 51-7-4

87

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FIG. 11

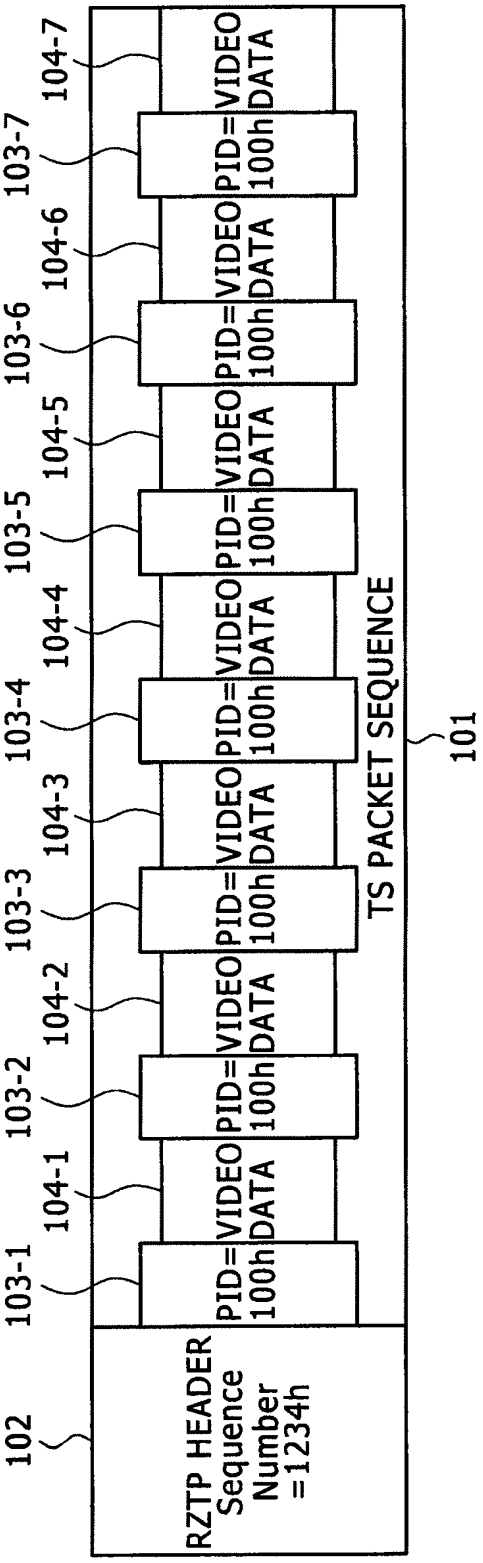

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FIG. 12

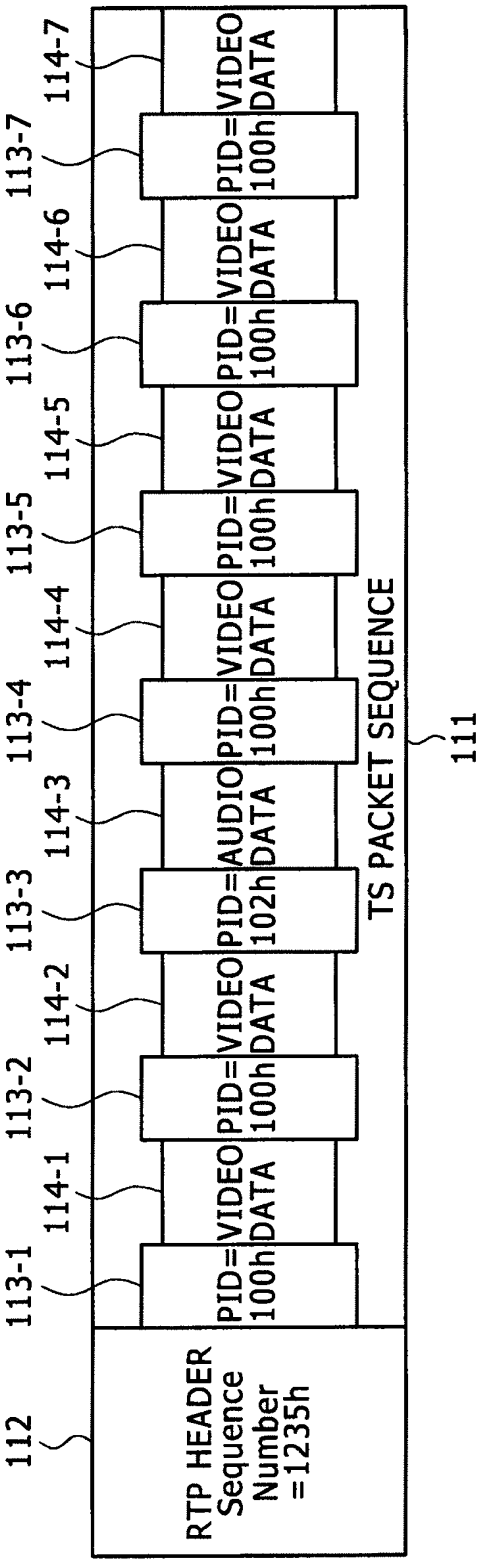

FIG. 13

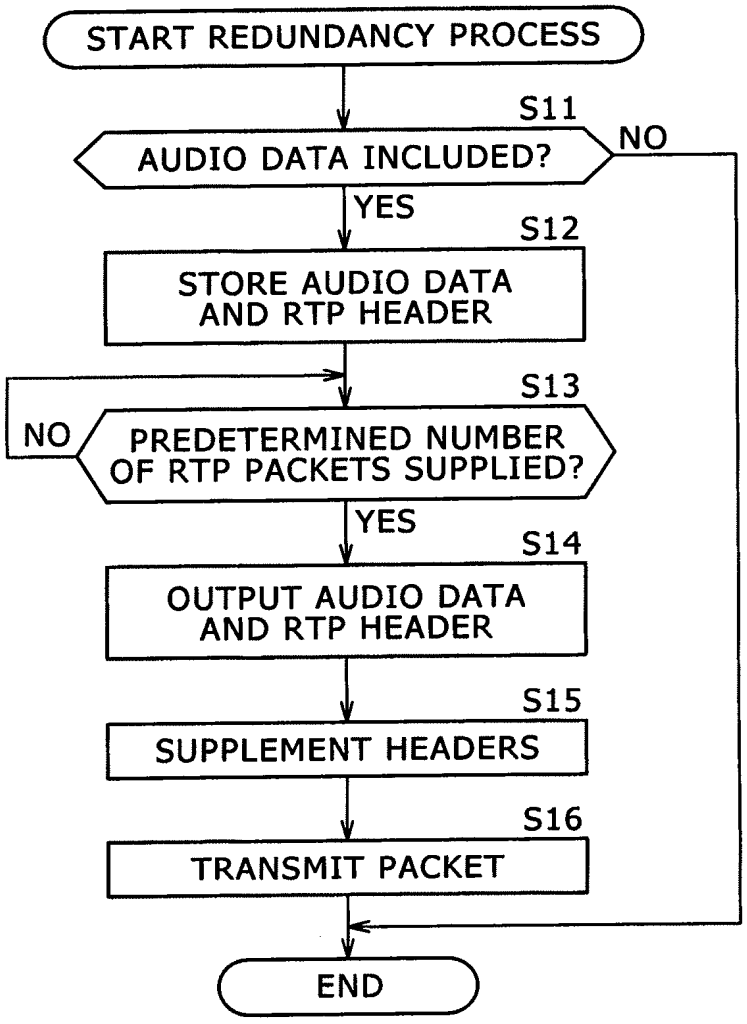
START REDUNDANCY PROCESS
S11
AUDIO DATA INCLUDED?
NO
YES
S12
STORE AUDIO DATA AND RTP HEADER
S13
NO
PREDETERMINED NUMBER OF RTP PACKETS SUPPLIED?
YES
S14
OUTPUT AUDIO DATA AND RTP HEADER
S15
SUPPLEMENT HEADERS
S16
TRANSMIT PACKET
END

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FIG. 14A

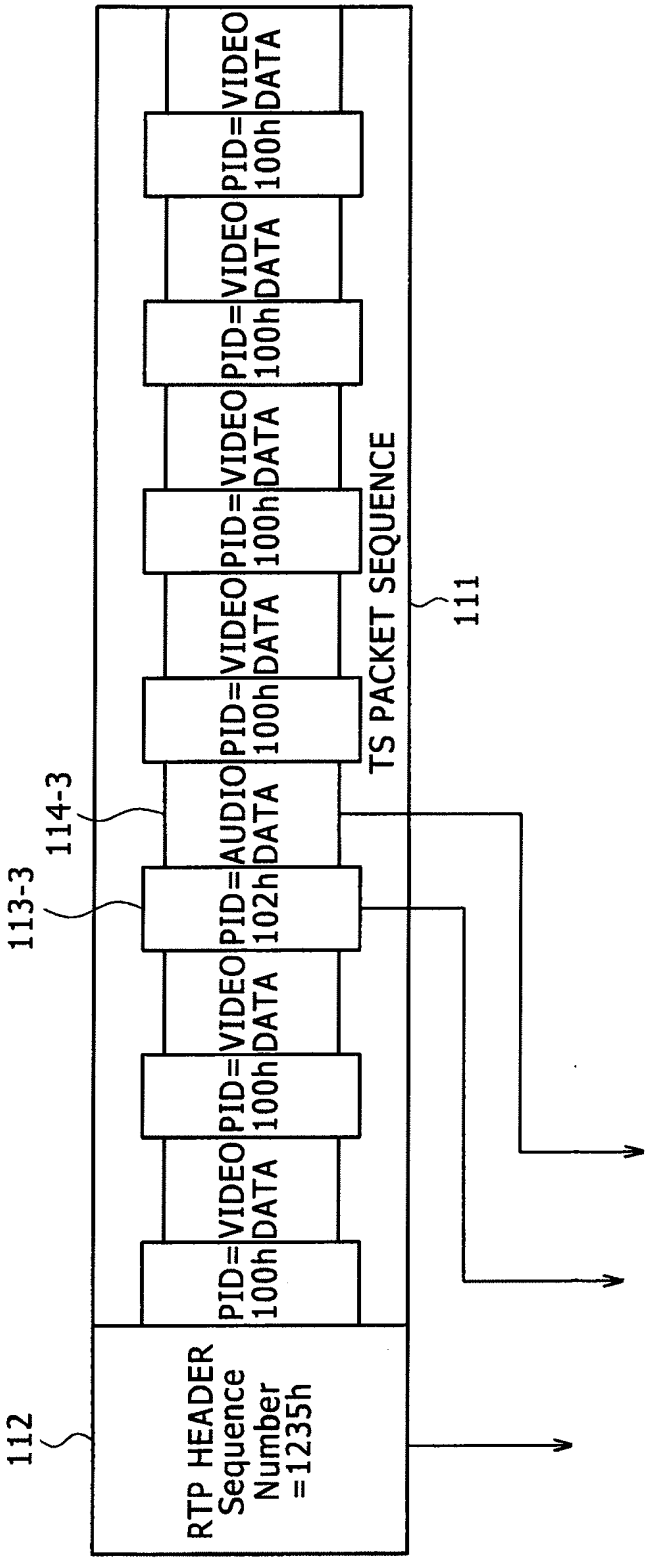

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FIG.14B

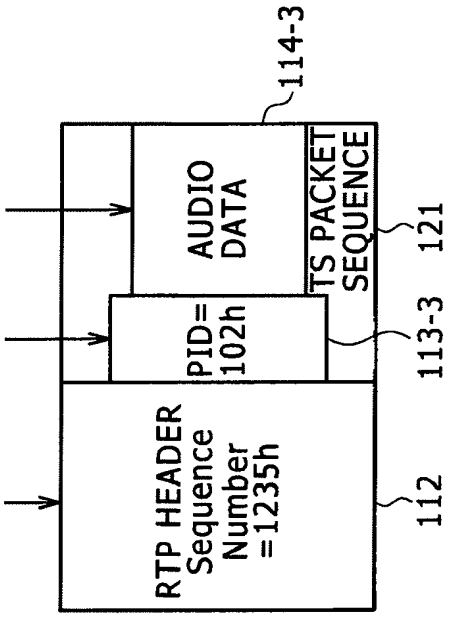

FIG. 15

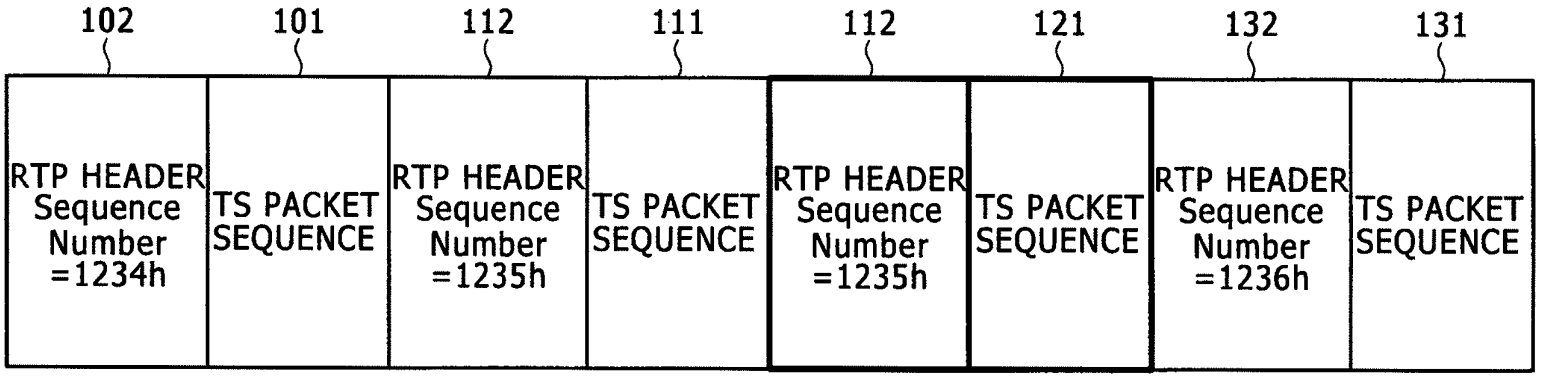
102
101
112
111
112
121
132
131
RTP HEADER Sequence Number =1234h
TS PACKET SEQUENCE
RTP HEADER Sequence Number =1235h
TS PACKET SEQUENCE
RTP HEADER Sequence Number =1235h
TS PACKET SEQUENCE
RTP HEADER Sequence Number =1236h
TS PACKET SEQUENCE

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FIG. 16

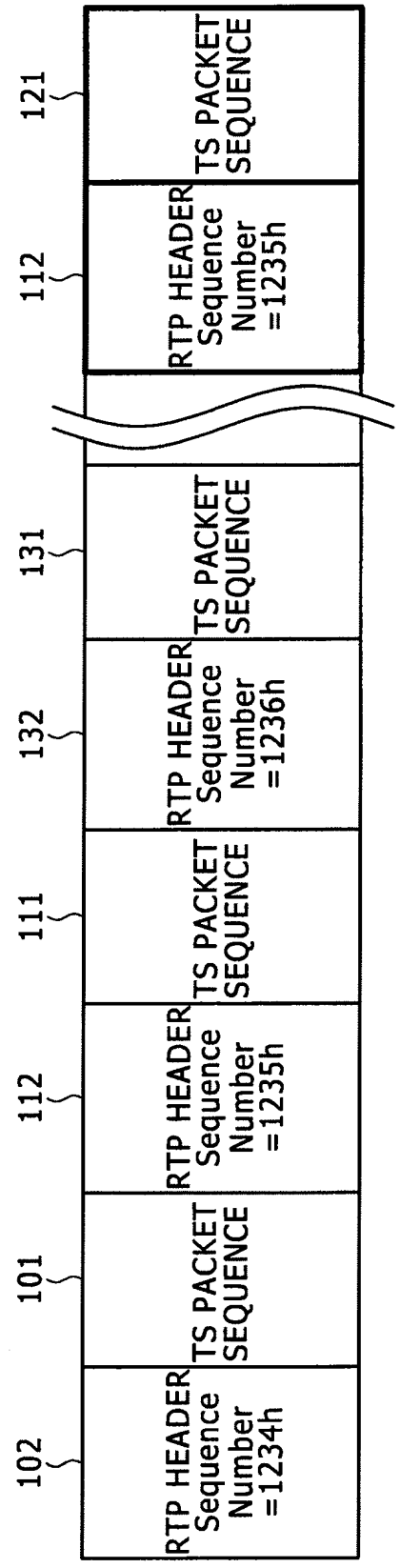
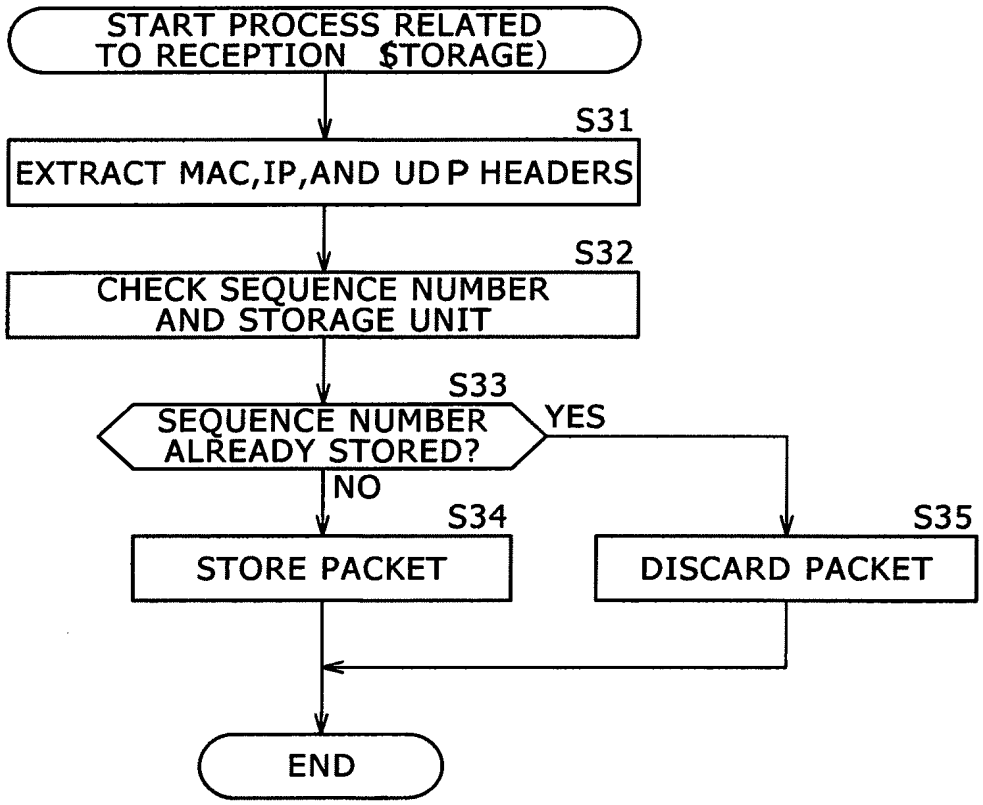


FIG. 17


START PROCESS RELATED TO RECEPTION (STORAGE)
S31
EXTRACT MAC,IP,AND UDP HEADERS
S32
CHECK SEQUENCE NUMBER AND STORAGE UNIT
S33
SEQUENCE NUMBER ALREADY STORED?
YES
NO
S34
STORE PACKET
S35
DISCARD PACKET
END

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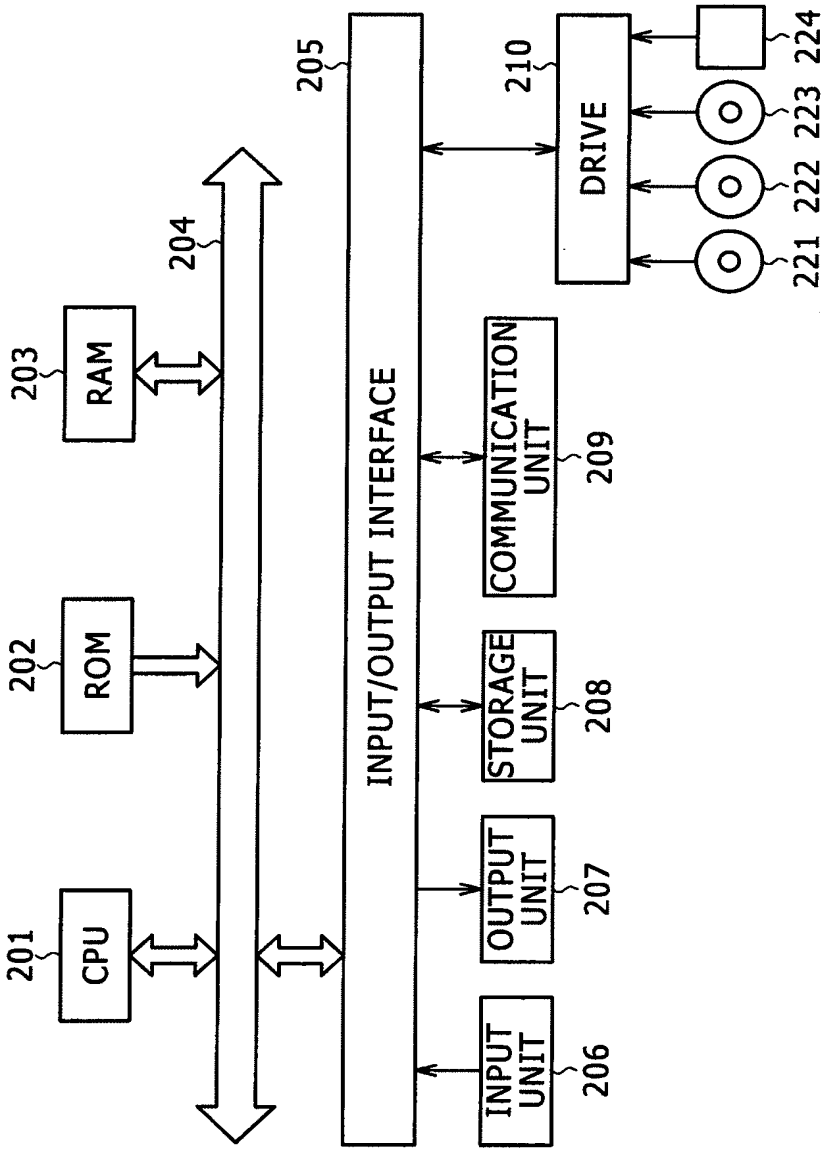
FIG. 18